

PROJETO ESTRUTURAL - PLANTA DE LOCAÇÃO DAS ESTACAS - Bloco 1

ESCALA: 1:50

Nome	Seção (cm)	X (cm)	Y (cm)	Pilar		Mx (kgf.m)	My (kgf.m)	Fx (tf)	Fy (tf)	Fundação				Bloco		
				Carga Máx. (tf)	Carga Mín. (tf)					Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	ne	Estaca	ca (cm)
P3	18x25	675.00	1707.00	11.6	10.6	0	0	4.6	1.7	55	55	0	50	1	C25	-35
P4	18x25	1007.50	1707.00	6.1	5.7	0	0	4.0	0.1	55	55	0	50	1	C25	-35
P5	18x25	1336.50	1707.00	5.6	4.5	0	0	1.1	1.7	55	55	0	50	1	C25	-35
P7	18x25	675.00	1349.50	13.5	12.2	0	0	6.8	0.5	55	55	0	50	1	C25	-35
P8	18x25	1340.00	1349.50	9.4	8.6	0	0	1.2	1.2	55	55	0	50	1	C25	-35
P10	18x30	675.00	992.00	14.4	12.2	0	0	1.3	1.6	130	55	0	50	2	C25	-35
P11	18x25	1337.50	992.00	9.6	8.6	0	0	1.7	0.8	55	55	0	50	1	C25	-35
P15	18x25	720.00	732.00	10.6	8.9	0	0	3.1	1.6	55	55	0	50	1	C25	-35
P16	18x25	1336.50	732.00	6.2	4.9	0	0	2.0	0.5	55	55	0	50	1	C25	-35
P18	15x25	365.00	389.50	9.6	8.8	0	0	8.5	1.3	55	55	0	50	1	C25	-35
P19	18x25	720.00	389.50	8.4	7.8	0	0	2.2	0.6	55	55	0	50	1	C25	-35
P1_1	18x25	73.50	1707.00	9.8	8.7	0	0	2.7	0.3	55	55	0	50	1	C25	-35
P21	18x25	365.00	17.00	8.0	7.3	0	0	5.7	0.8	55	55	0	50	1	C25	-35
P22	18x25	716.50	17.00	5.8	4.8	0	0	1.8	1.7	55	55	0	50	1	C25	-35
P6_1	18x25	73.50	1349.50	7.8	7.1	0	0	6.7	0.3	55	55	0	50	1	C25	-35
P7_1	18x25	1007.50	1349.50	0.3	0.3	0	0	2.6	0.1	55	55	0	50	1	C25	-35
P9_1	18x25	73.50	992.00	10.4	9.5	0	0	1.7	0.4	55	55	0	50	1	C25	-35
P10_1	18x25	1007.50	992.00	2.5	2.4	0	0	4.2	0.1	55	55	0	50	1	C25	-35
P12_1	18x25	73.50	732.00	9.3	7.3	0	0	2.4	0.4	55	55	0	50	1	C25	-35
P13_1	18x25	364.99	732.00	7.1	6.2	0	0	5.9	2.1	55	55	0	50	1	C25	-35
P15_1	18x25	1028.25	732.00	2.5	2.4	0	0	3.8	0.1	55	55	0	50	1	C25	-35
P17_1	18x25	73.50	389.50	7.7	7.1	0	0	6.2	0.3	55	55	0	50	1	C25	-35
P20_1	18x25	73.50	17.00	6.5	5.5	0	0	3.3	0.3	55	55	0	50	1	C25	-35

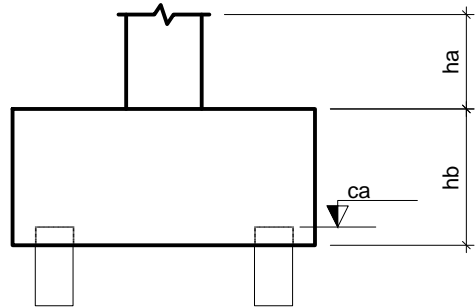
LOCAÇÃO DAS ESTACAS									
Bloco	Nome	Tipo	Coordenada X (cm)	Coordenada Y (cm)	Carga máx. tf	Carga mín. tf	Momento kgf.m	Força horiz. tf	CA (cm)
B3	E3-1	C25	675.00	1707.00	11.89	10.93	1197.81	4.79	-35
B4	E4-1	C25	1007.50	1707.00	6.39	6.00	998.77	4.00	-35
B5	E5-1	C25	1336.50	1707.00	5.89	4.84	482.42	1.93	-35
B7	E7-1	C25	675.00	1349.50	13.80	12.48	1699.58	6.80	-35
B8	E8-1	C25	1340.00	1349.50	9.88	8.89	387.20	1.55	-35
B10	E10-1	C25	675.00	1029.50	7.10	6.07	158.69	0.96	-35
	E10-2	C25	675.00	954.50	8.11	6.95	158.69	0.96	-35
B11	E11-1	C25	1337.50	992.00	9.94	8.88	408.06	1.63	-35
B15	E15-1	C25	720.00	732.00	10.95	9.22	842.34	3.37	-35
B16	E16-1	C25	1336.50	732.00	6.53	5.24	504.06	2.02	-35
B18	E18-1	C25	365.00	389.50	9.90	9.08	2132.81	8.53	-35
B19	E19-1	C25	720.00	389.50	8.75	8.10	532.23	2.13	-35
B1_1	E1_1-1	C25	73.50	1707.00	10.12	8.99	658.19	2.63	-35
B21	E21-1	C25	365.00	17.00	8.31	7.66	1433.30	5.73	-35
B22	E22-1	C25	716.50	17.00	6.14	5.12	590.28	2.36	-35
B6_1	E6_1-1	C25	73.50	1349.50	8.12	7.39	1653.84	6.62	-35
B7_1	E7_1-1	C25	1007.50	1349.50	0.64	0.59	632.49	2.53	-35
B9_1	E9_1-1	C25	73.50	992.00	10.74	9.86	417.00	1.67	-35
B10_1	E10_1-1	C25	1007.50	992.00	2.79	2.70	1029.19	4.12	-35
B12_1	E12_1-1	C25	73.50	732.00	9.59	7.63	576.11	2.30	-35
B13_1	E13_1-1	C25	364.99	732.00	7.39	6.57	1509.61	6.04	-35
B15_1	E15_1-1	C25	1028.25	732.00	2.86	2.71	946.95	3.79	-35
B17_1	E17_1-1	C25	73.50	389.50	8.05	7.42	1543.41	6.17	-35
B20_1	E20_1-1	C25	73.50	17.00	6.80	5.78	815.34	3.26	-35

Locação no eixo X	
Coordenadas (cm)	Nome
73.50	P1_1, P6_1, P9_1, P12_1, P17_1, P20_1
364.99	P13_1
365.00	P18, P21
675.00	P3, P7, P10
716.50	P22
720.00	P15, P19
1007.50	P4, P7_1, P10_1
1028.25	P15_1
1336.50	P5, P16
1337.50	P11
1340.00	P8

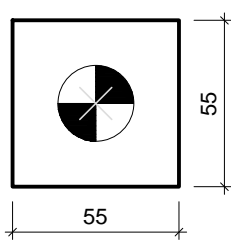
Locação no eixo Y	
Coordenadas (cm)	Nome
1707.00	P1_1, P3, P4, P5
1349.50	P6_1, P7, P7_1, P8
992.00	P9_1, P10, P10_1, P11
732.00	P12_1, P13_1, P15, P15_1, P16
389.50	P17_1, P18, P19
17.00	P20_1, P21, P22

Simbologia	Estacas		Quantidade
	Nome	d (cm)	
	C25	25.00	24

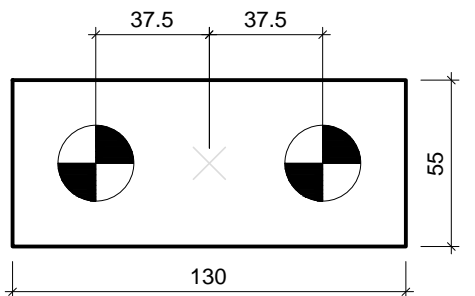
Profundidade das Estacas - 3.00m



B3=B4=B5=B7=B8=B11  
B15=B16=B18=B19  
B1\_1=B21=B22=B6\_1  
B7\_1=B9\_1=B10\_1=B12\_1  
B13\_1=B15\_1=B17\_1  
B20\_1 (1xC25)



B10 (2xC25)



PROJETO ESTRUTURAL - DETALHES BLOCOS - Bloco 1

ESCALA: 1:25

SECRETARIA DE PLANEJAMENTO E GESTÃO

prefeitura de Pelotas

vamos compartilhar a cidade

E.M.E.F JORNALISTA DEOGAR SOARES

PRONCHA

01/09

PROJETO ESTRUTURAL - BLOCO 1

PLANTA DE LOCAÇÃO DAS ESTACAS

EQUIPE TÉCNICA DA SEPLAG

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Arq. Juliana Rotta da Cunha - CAU A65378-0  
Eng. Patrícia Waltzer da Silva - CREA RS139996  
Eng. Mirela de Faria Miranda - CREA RS146401  
Eng. Rodrigo Freitas - CREA RS187335  
Eng. Rogério da Silveira Freitas - CREA RS146900

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DATA

JULHO / 2018